

#### Stantec Consulting Services, Inc.

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September 19, 2008 File: LV2008008

Kentucky Office of the 911 Coordinator/CMRS Board

200 Mero Street Frankfort, KY 40622

Attention: Mr. David Lucas

Dear Mr. Lucas:

Reference: CMRS Geospatial Audit

**Henderson Emergency Communication Center** 

P.O. Box 516

Henderson, KY 42419-0516

The Geospatial Audit of Henderson Emergency Communication Center located in Henderson County was conducted on 8/20/2008. Henderson Emergency Communication Center provides wireless 9-1-1 service for Henderson County.

#### **PSAP MAPPING SUMMARY**

Information on the mapping solution employed by the PSAP was collected as part of the audit process, which includes the type of software and system, the vendor, the version and the layers being used at the time of the audit. In addition, this summary may include notes and observations taken while conducting the audit. 202 KAR 6:100 specifies the requirements of mapping software used in certified PSAPs. The software used by Henderson Emergency Communication Center does not meet this requirement.

### **FIELD DATA TESTING**

In accordance to the requirements of the Geospatial Audit, 20 random points for jurisdiction of the PSAP or for each county served by the PSAP were tested by collecting field GPS information and address information and comparing the results of plotting the two elements with the 9-1-1 solution employed by the PSAP. The result of this portion of the audit is that 0% of the points tested met the criteria of the Audit. Passing criteria is that 90% of the points tested shall meet the criteria set forth in 202 KAR 6:100, Section 4, Paragraph 4.

#### **WIRELESS 9-1-1 FUNCTION**

In accordance to the requirements of the Geospatial Audit, 20 wireless 9-1-1 calls were documented for data, software, and mapping function. The result of this portion of the audit is that 90% of the calls documented met the criteria of the Audit. Passing criteria is that 66% of the points tested shall meet the criteria set forth in 202 KAR 6:100, Section 4, Paragraph 3.

## **Stantec**

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Reference: CMRS Geospatial Audit

# CONCLUSION

Mapping Component <u>Does not meet audit criteria</u>

Field Data Component <u>Does not meet audit criteria with</u> 0% of points tested meeting criteria

Wireless Data Component Meets audit criteria with 90% of calls tested meeting criteria

Based on the results of the audit, Henderson Emergency Communication Center does not meet the standards set by legislation and administrative regulation.

The detailed documentation of the audit with observations and recommendations is attached. The documentation is separated into a report of the software and data used by the PSAP with observations and recommendations; Field Data Report; and Wireless Data Report. Please note that supporting printouts and printed maps are included in the electronic copy of this report.

Sincerely,

Stantec Consulting Services Inc.

James B. Morse GIS Project Manager Tel: (502) 212-5044 Fax: (502) 212-5055 James.morse@stantec.com

Attachment: Report Details

c. Files

j j:\2008proj\lv2008008\_cmrs\merged summary letter.doc

# **PSAP Mapping Component Summary**

PSAP Name <u>Henderson Emergency Communication Center</u>

Address P.O. Box 516 Audit Date 8/20/2008

City Henderson Audit Personnel MCCORMICK

Contact Nyeda C. Ditzer
Contact Title 911 Supervisor

Software	Version	Vendor
INTERACT GEO 911	5.12	INTERACT

# **Mapping Layers Used**

Road Centerlines: ✓
Point Addresses: ✓
Ortho Photography:

The map software is Interact Geo 911, version 5.12 and the vendor is Interact Public Safety Inc. The map has six layers: Address, Roads, Lake/Rivers, ESN, Cities, County

# **Notes and Observations:**

Observations and comments: Sergeant Duncan was not familiar on how to enter Lat/Long into the software. After some research the Sergeant was able to install the Lat/Long and obtain the required data.

The map was last updated 3 month ago and the frequency for updates are as needed. The data for the map is supplied by the city/county planning and is place into the map by Sergeant Duncan.

The data was obtained from the map by Sergeant Dwight Duncan and the wire calls were obtained by Belinda Littrell, Mandy Gains and Linda Rice.

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